

Figure 1

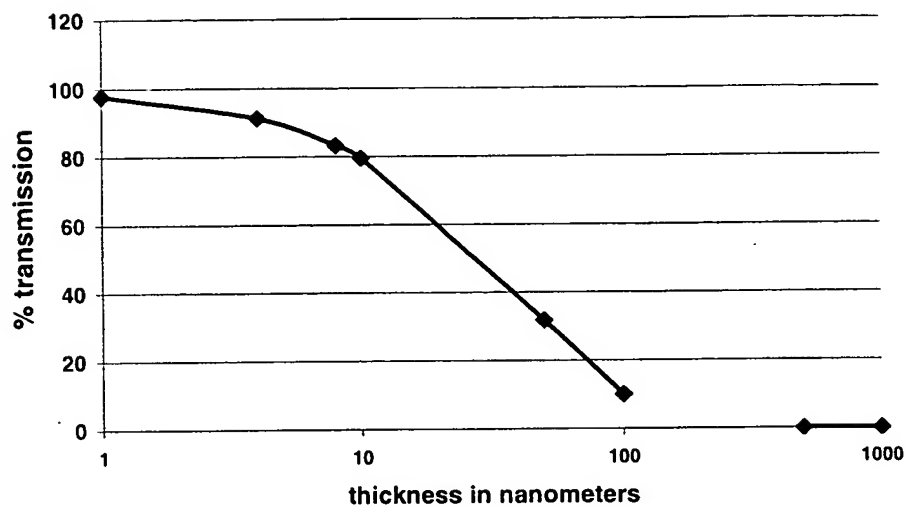
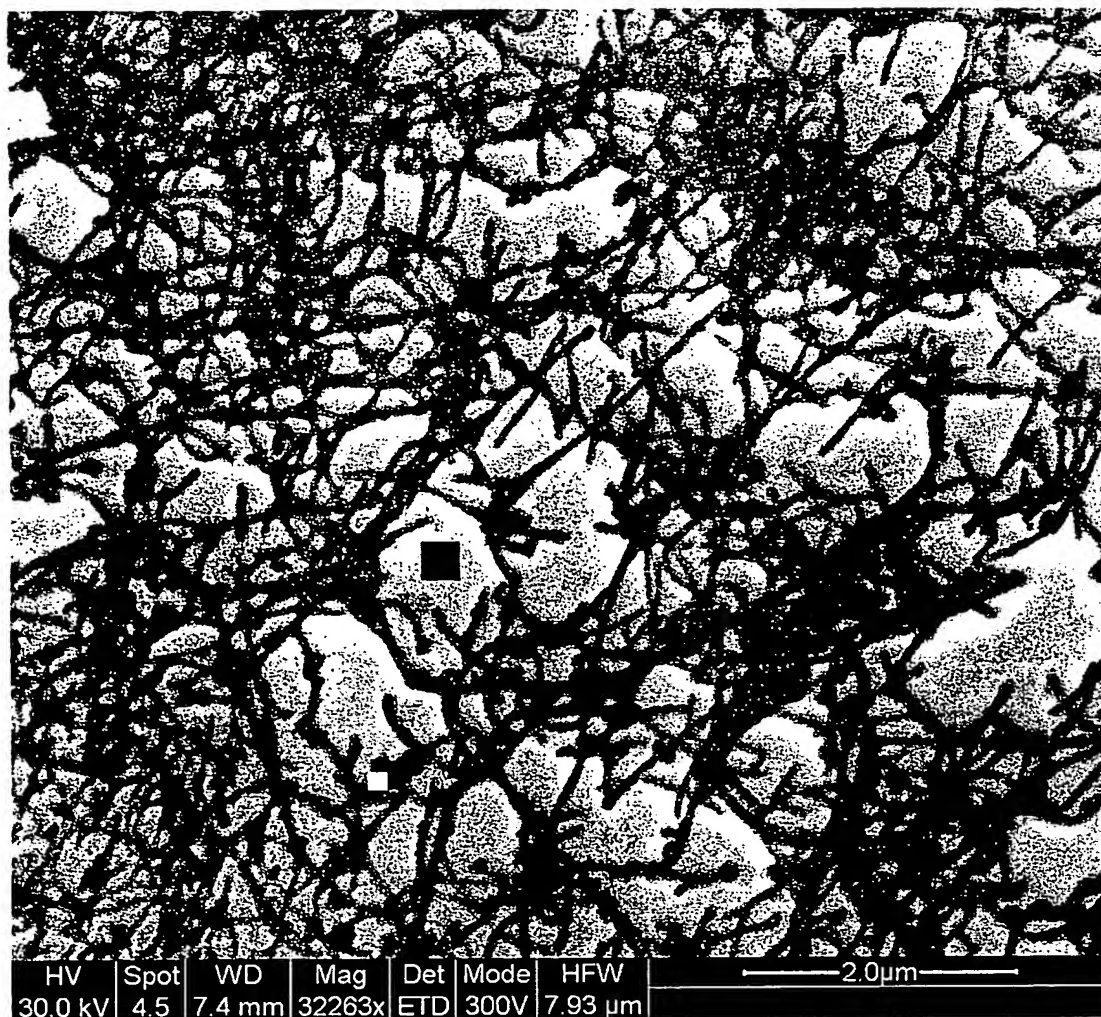


Figure 2

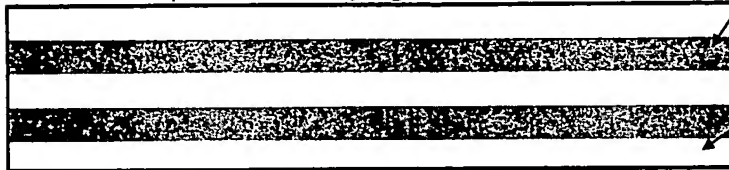


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Figure 3

(A)

Top View of "Nano-Patterned Graphite"  
Wire with Open Area varying from 0-95%

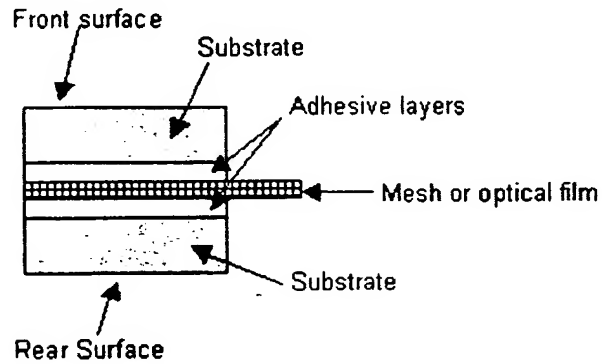


Graphite strips  
of Thickness 1, 4, 8, 10,  
50 or 100 nm

Open Area at  
100% light transmission

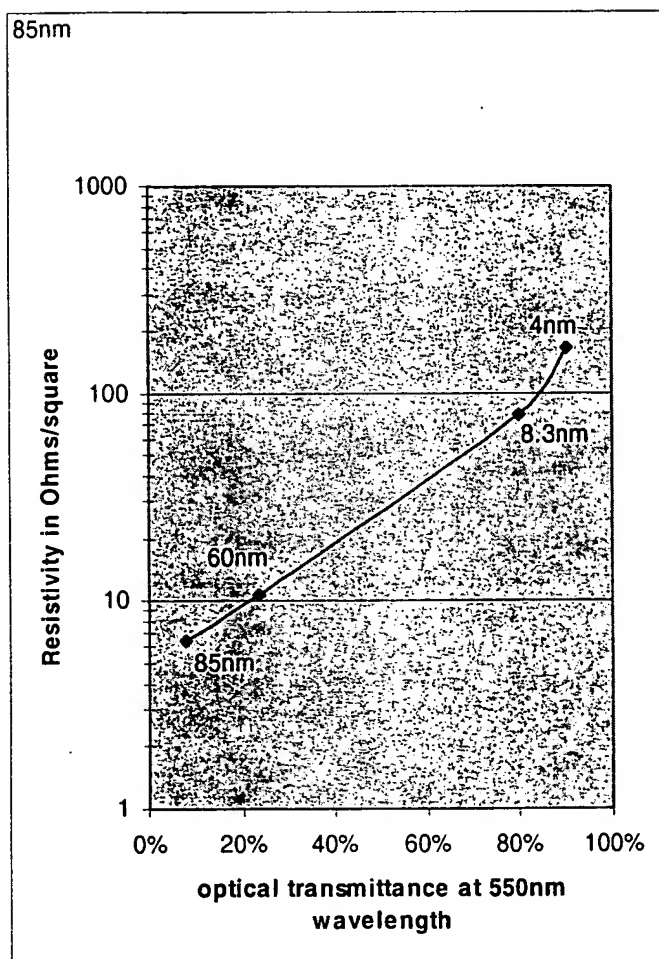
Light transmission is normal to top surface.  
Current flow is parallel with Graphite wires.

(B)



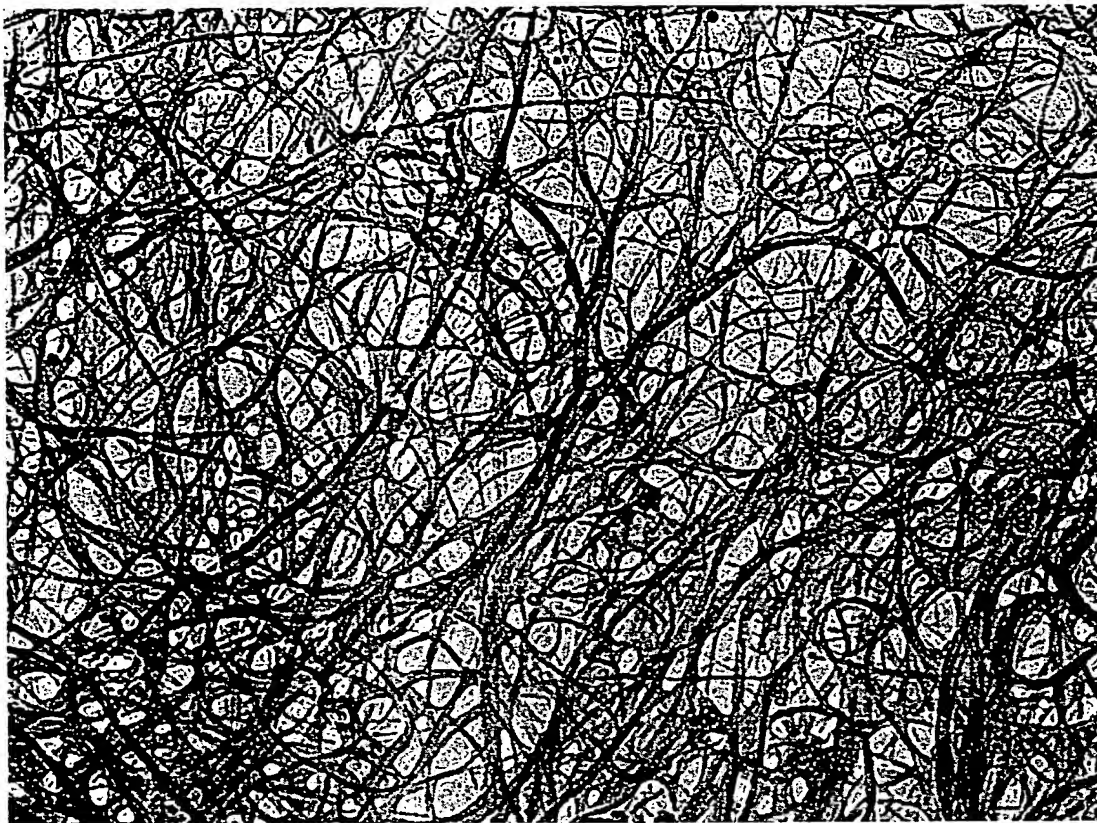
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Figure 4



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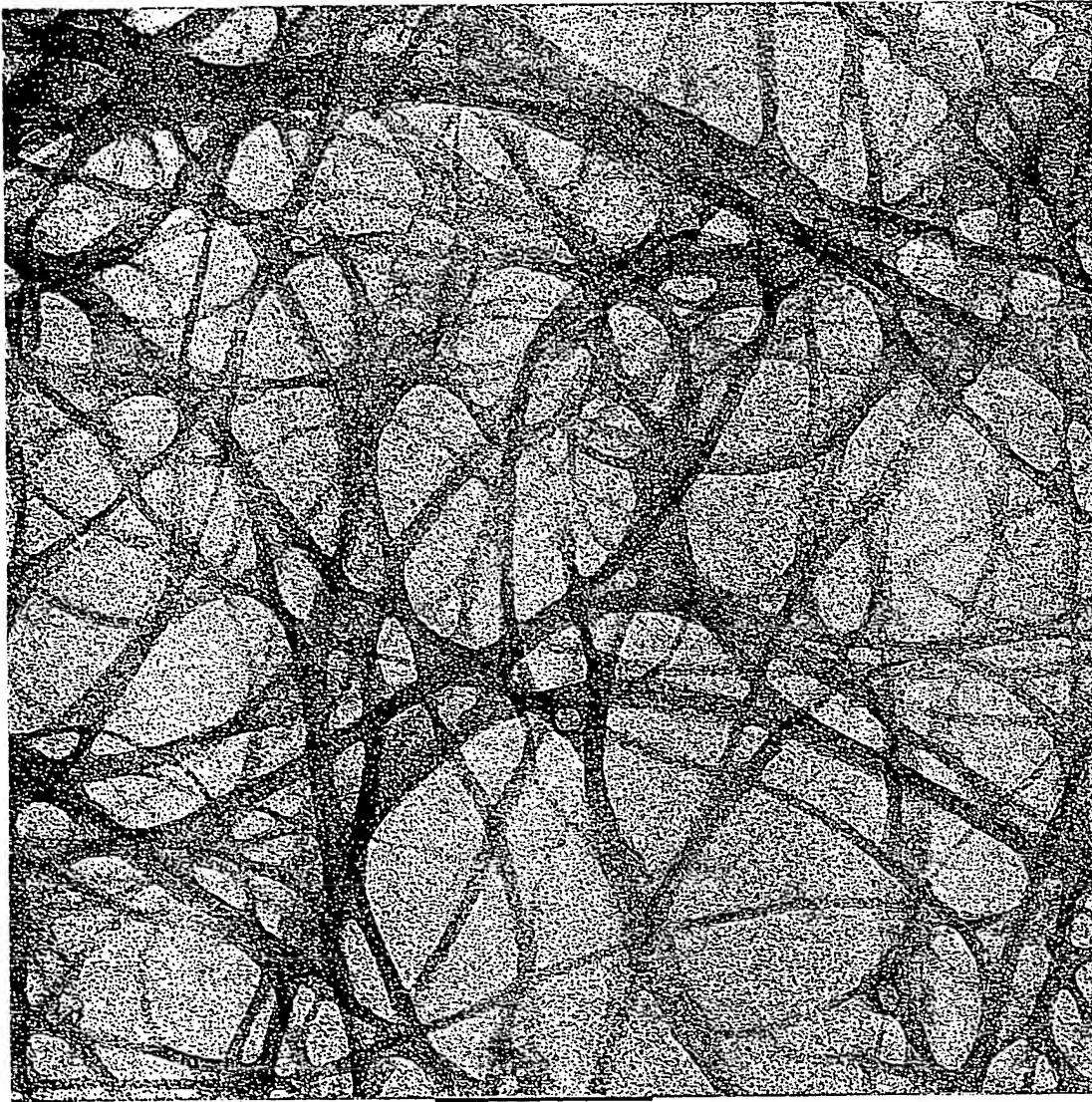
Figure 5



250 NM

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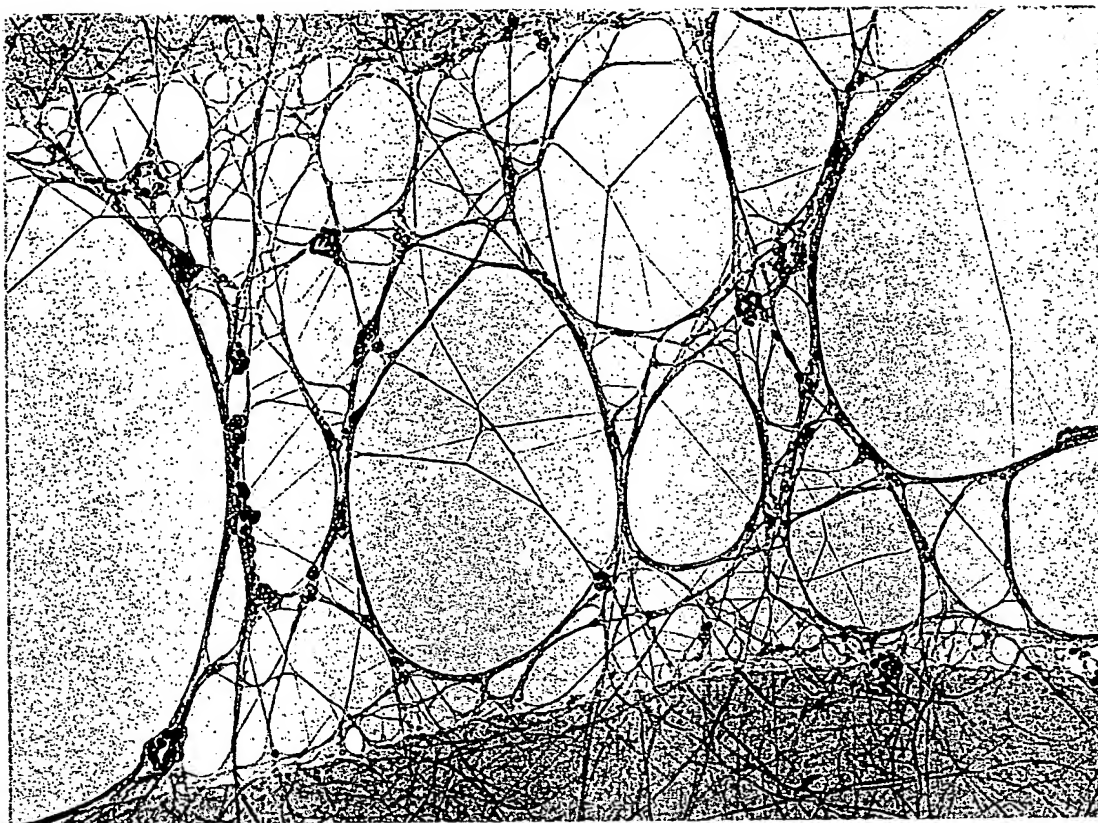
Figure 6



200 NM

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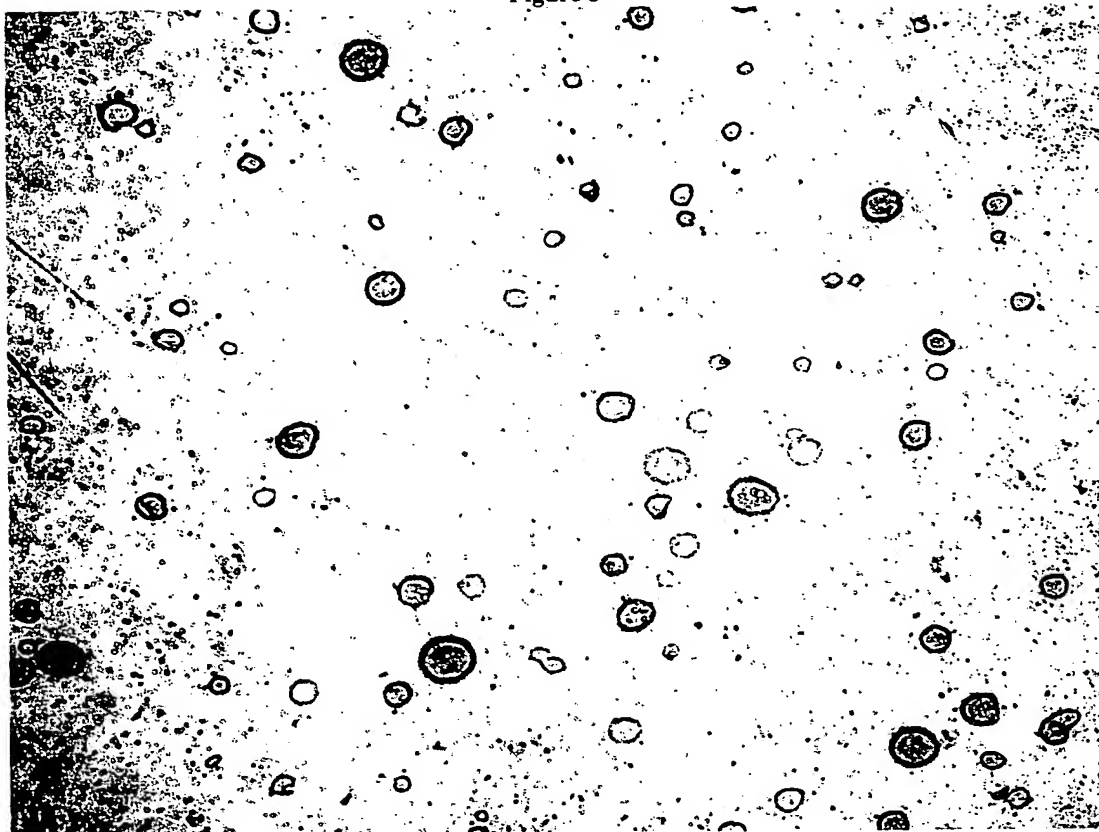
Figure 7



500 NM

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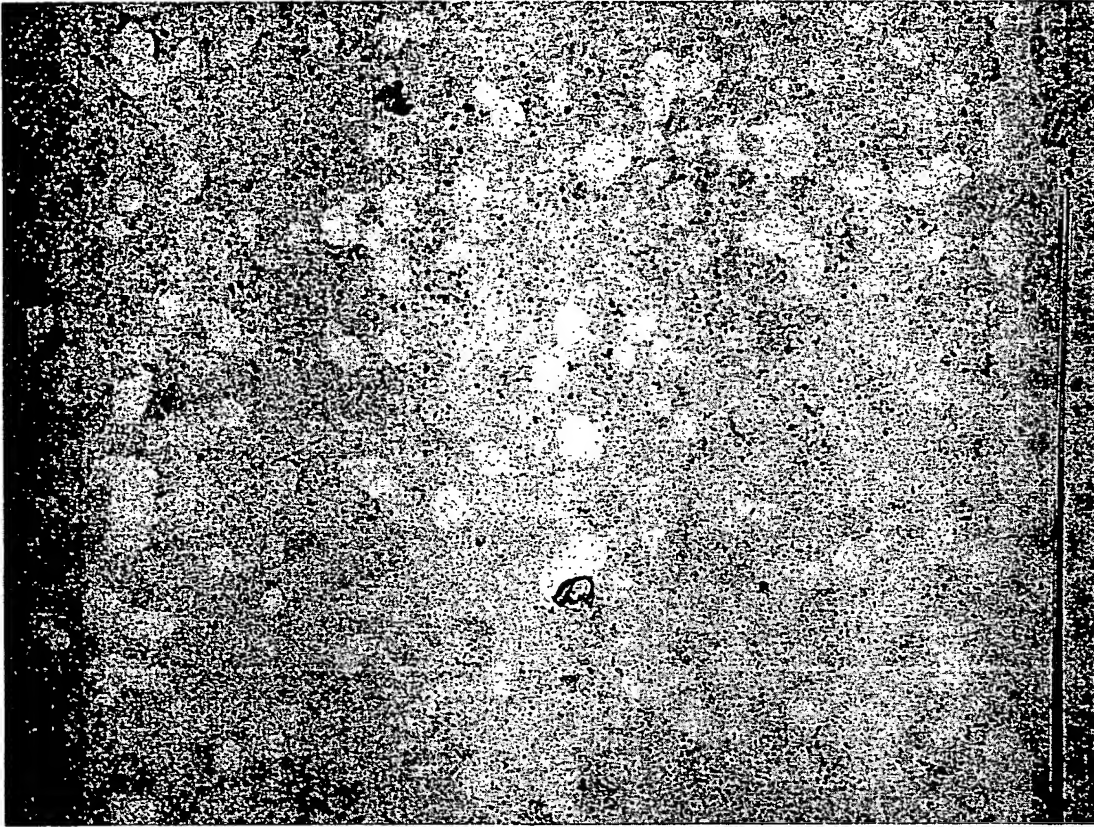
Figure 8



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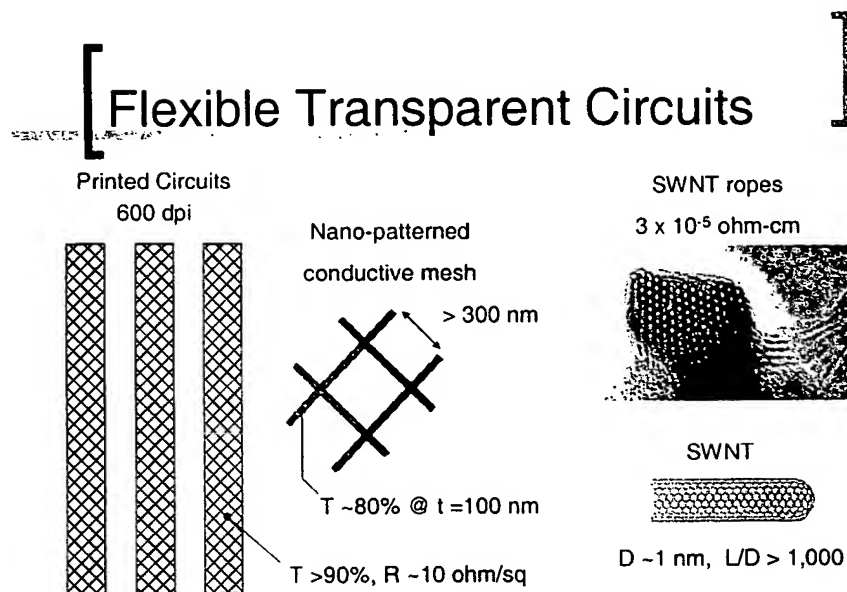


Figure 9



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Figure 10



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